



2015

DRIVE YOUR COUNTY TO THE TOP TEN:

Accelerating Action Towards Improving County Health

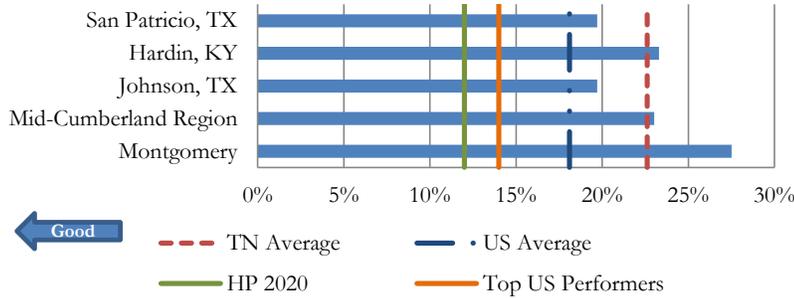
Montgomery County



Demographics

Population:	184,119	<18 YOA:	27.25%	65+ YOA:	8.46%	% Rural:	19.74%
Unemployment:	8.10%	% Females:	50.21%	% Males:	49.79%	Graduation Rate:	95.00
Single parent households:	36.51%	MHI:	\$51,059				

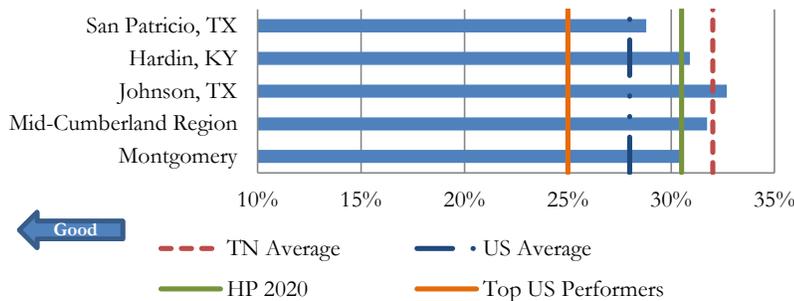
Adult Smoking



Top Third

Measure	Value
Some College	67.56%
Injury Deaths	60.73
Income Inequality	3.97
Premature Death	7,643.40
Uninsured	14.43%
Physical Inactivity	28.20%
Poor Mental Health Days	2.80
Children in Poverty	21.40%
High School Graduation	95.00%
Mental Health Providers	716:1

Adult Obesity



Middle Third

Measure	Value
Excessive Drinking	16.80%
Alcohol-Impaired Driving Deaths	26.13%
Preventable Hospital Stays	81.34
Driving Alone to Work	84.57%
Primary Care Physicians	2306:1
Access to Exercise Opportunities	52.42%
Poor Physical Health Days	5.20
Severe Housing Problems	14.09%
Adult Smoking	27.50%

Physical Inactivity



Bottom Third

Measure	Value
Diabetic Monitoring	79.63%
Sexually Transmitted Infections	979.60
Mammography Screening	49.69%
Air Pollution - Particulate Matter	14.58
Food Environment Index	6.30
Social Associations	7.05
Violent Crime	549.50
Children in Single-Parent Households	36.51%
Drinking Water Violations	1.92%

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health. Nashville, TN. opm.health@tn.gov or 615-741-5001.



Health Outcomes	Length of Life	Premature Death									
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		8	Moore	7643.40	7191.20	452.20	↑Bad ↓Good	6,811.00	Johnson, TX	7585.02	
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Hardin, KY	7428.77	
		Source		National Center for Health Statistics - Mortality files		Year(s)		2010-2012	San Patricio, TX	7915.00	
	Quality of Life	Poor or Fair Health									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		17	Putnam	17.80%	16.60%	1.20%	↑Bad ↓Good	12.40%	Johnson, TX	21.40%	
		Improve the health of 2 out of every 100 people in the county who, in general, report being in poor or fair health.							Hardin, KY	18.80%	
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2006-2012	San Patricio, TX	19.60%	
	Quality of Life	Poor Physical Health Days*									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		50	Chester	5.20	3.40	1.80	↑Bad ↓Good	3.70	Johnson, TX	5.10	
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 2 days per month.							Hardin, KY	4.20	
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2006-2012	San Patricio, TX	4.20	
	Quality of Life	Poor Mental Health Days									
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		10	Blount	2.80	2.60	0.20	↑Bad ↓Good	3.50	Johnson, TX	4.10	
		Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Hardin, KY	3.60	
		Source		Behavioral Risk Factor Surveillance System		Year(s)		2006-2012	San Patricio, TX	3.10	
	Quality of Life	Low Birthweight									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		20	Lewis	8.04%	7.29%	0.75%	↑Bad ↓Good	8.10%	Johnson, TX	7.67%	
		Reduce the number of low birth weight babies by 1 for every 100 live births.							Hardin, KY	7.55%	
		Source		National Center for Health Statistics - Natality files		Year(s)		2006-2012	San Patricio, TX	8.78%	
Health Factors	Health Behaviors	Adult Smoking									
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		61	Knox	27.50%	18.50%	9.00%	↑Bad ↓Good	18.10%	Johnson, TX	19.70%	
			Get 33 out of every 100 current adult smokers in the county to quit smoking.							Hardin, KY	23.30%
			Source		Behavioral Risk Factor Surveillance System		Year(s)		2006-2012	San Patricio, TX	19.70%
		Health Behaviors	Adult Obesity								
	Rank		10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
	23		Hamilton	30.50%	29.10%	1.40%	↑Bad ↓Good	28.00%	Johnson, TX	32.70%	
			Get 5 out of every 100 current obese adults in the county to reduce their BMI below 30.							Hardin, KY	30.90%
		Source		CDC Diabetes Interactive Atlas		Year(s)		2011	San Patricio, TX	28.80%	
	Health Behaviors	Food Environment Index									
Rank		1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
86		Williamson	6.30	8.9	2.6	↑Good ↓Bad	7.60	Johnson, TX	7.10		
		Increase the county's food index score by 2.6.							Hardin, KY	6.90	
		Source		USDA Food Environment Atlas, Map the Meal Gap		Year(s)		2012	San Patricio, TX	7.10	

Prepared by the Division of Policy, Planning and Assessment, Office of Performance Management, Tennessee Department of Health, Nashville, TN. April 2015. opm.health@tn.gov or 615-741-5001. The full report can be accessed at: <http://health.tn.gov/statistics/specialprojects.htm>. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 *County Health Rankings and Roadmaps* report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. The action statements are based on the assumption that no new additional cases occur. All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.

Health Factors

Health Behaviors

Physical Inactivity	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	9	Chester	28.20%	25.90%	2.30%	↑Bad ↓Good	30.00%	Johnson, TX	26.50%
Percentage of adults aged 20 and over reporting no leisure-time physical activity	Get 9 out of every 100 currently physically inactive adults to exercise during leisure time.							Hardin, KY	29.50%
Source	CDC Diabetes Interactive Atlas			Year(s)	2011		San Patricio, TX	25.40%	
Access to Exercise Opportunities	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	48	Loudon	52.42%	78.50%	26.09%	↑Good ↓Bad	77.00%	Johnson, TX	70.48%
Percentage of population with adequate access to locations for physical activity	Consider how to remove barriers to access exercise locations to reach an additional 26.09 percent of the county's population.							Hardin, KY	73.50%
Source	Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)	2010 & 2013		San Patricio, TX	68.28%	
Excessive Drinking	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	34	Greene	16.80%	3.30%	13.50%	↑Bad ↓Good	15.00%	Johnson, TX	18.80%
Percentage of adults reporting binge or heavy drinking	Get 81 out of every 100 adults in the county that currently drink to excess (binge and heavy drinkers) to stop drinking more than one (women) or two (men) drinks per day on average.							Hardin, KY	7.90%
Source	Behavioral Risk Factor Surveillance System			Year(s)	2006-2012		San Patricio, TX	NA	
Alcohol-Impaired Driving Deaths	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	38	McNairy	26.13%	18.75%	7.38%	↑Bad ↓Good	32.00%	Johnson, TX	20.37%
Percentage of driving deaths with alcohol involvement	Reduce the number of alcohol related driving deaths by 7.38 percent.							Hardin, KY	21.59%
Source	Fatality Analysis Reporting System			Year(s)	2009-2013		San Patricio, TX	33.33%	
Sexually Transmitted Infections	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	93	Scott	979.60	144.30	835.30	↑Bad ↓Good	458.00	Johnson, TX	320.00
Number of newly diagnosed chlamydia cases per 100,000 population	Consider ways to educate 9 out of every 10 persons self-reporting to be involved in any sexual contact to commit to using safe sex practices to prevent the infection of Chlamydia.							Hardin, KY	504.60
Source	National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)	2012		San Patricio, TX	390.20	
Teen Births	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	27	Putnam	44.27	37.04	7.23	↑Bad ↓Good	31.00	Johnson, TX	55.13
Teen birth rate per 1,000 female population, ages 15-19	For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 17 teen(s) from becoming pregnant.							Hardin, KY	50.94
Source	National Center for Health Statistics - Natality files			Year(s)	2006-2012		San Patricio, TX	70.68	

Clinical Care

Uninsured	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	8	Dyer	14.43%	13.85%	0.58%	↑Bad ↓Good	18.00%	Johnson, TX	25.51%
Percentage of population under age 65 without health insurance	Get 4 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Hardin, KY	15.38%
Source	Small Area Health Insurance Estimates			Year(s)	2012		San Patricio, TX	22.30%	
Primary Care Physicians	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	46	Anderson	2306:1	1397:1	909	↑Bad ↓Good	1,355.00	Johnson, TX	2074:1
Ratio of population to primary care physicians	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 52 primary care providers would need to be recruited to the county. More importantly, if the county's value is greater than 3,500, this county would be considered a Health Professional Shortage Area.							Hardin, KY	1574:1
Source	Area Health Resource File/American Medical Association			Year(s)	2012		San Patricio, TX	4373:1	
Dentists	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	26	Maury	2455:1	1675:1	780	↑Bad ↓Good	1,663.00	Johnson, TX	2975:1
Ratio of population to dentists	To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 35 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.							Hardin, KY	1229:1
Source	Area Health Resource File/American Medical Association			Year(s)	2013		San Patricio, TX	3149:1	

Health Factors	Clinical Care	Mental Health Providers	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		Ratio of population to mental health providers	12	McNairy	716:1	688:1	28	↑Bad ↓Good	753	Johnson, TX	1664:1
To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 11 mental health providers would need to be recruited to the county. More importantly, if the county's value is greater than 30,000, this county would be considered a Health Professional Shortage Area.									Hardin, KY	340:1	
Source	CMS, National Provider Identification file			Year(s)	2014		San Patricio, TX	2450:1			
Preventable Hospital Stays Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	38	Marshall	81.34	58.47	22.87	↑Bad ↓Good	65.00	Johnson, TX	76.70		
	For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.									Hardin, KY	90.47
Source	Dartmouth Atlas of Health Care			Year(s)	2012		San Patricio, TX	71.06			
Diabetic Monitoring Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	95	Crockett	79.63%	88.92%	9.29%	↑Good ↓Bad	84.00%	Johnson, TX	83.81%		
	For every 100 diabetic Medicare enrollees, get 10 additional Medicare enrollees to receive HbA1c screening.									Hardin, KY	85.44%
Source	Dartmouth Atlas of Health Care			Year(s)	2012		San Patricio, TX	85.77%			
Mammography Screening Percentage of female Medicare enrollees ages 67-69 that receive mammography screening	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	89	Knox	49.69%	65.71%	16.02%	↑Good ↓Bad	63.00%	Johnson, TX	57.50%		
	For every 100 female Medicare enrollees, get 17 additional Medicare enrollees to receive their mammography screening.									Hardin, KY	62.54%
Source	Dartmouth Atlas of Health Care			Year(s)	2012		San Patricio, TX	57.18%			
High School Graduation Percentage of ninth-grade cohort that graduates in four years	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	11	Carroll	95.00%	95.32%	0.32%	↑Good ↓Bad	80.00%	Johnson, TX	91.77%		
	For every 100 ninth graders, assist 1 additional ninth graders to graduate within four years.									Hardin, KY	89.02%
Source	data.gov, supplemented w/ National Center for Education Statistics			Year(s)	2011-2012		San Patricio, TX	91.00%			
Some College Percentage of adults ages 25-44 years with some post-secondary education	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	3	Williamson	67.56%	81.74%	14.18%	↑Good ↓Bad	63.00%	Johnson, TX	51.71%		
	For every 100 adults between 25-44 years of age, assist 1419 additional adults to complete some coursework at the collegiate level.									Hardin, KY	62.46%
Source	American Community Survey			Year(s)	2009-2013		San Patricio, TX	55.42%			
Unemployment Percentage of population ages 16 and older unemployed but seeking work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	27	Blount	8.10%	6.89%	1.21%	↑Bad ↓Good	8.10%	Johnson, TX	6.04%		
	For every 100 persons ages 16 years and older, help 2 persons successfully find employment.									Hardin, KY	7.54%
Source	Bureau of Labor Statistics			Year(s)	2013		San Patricio, TX	7.54%			
Children in Poverty Percentage of children under age 18 in poverty	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	10	Robertson	21.40%	18.80%	2.60%	↑Bad ↓Good	23.00%	Johnson, TX	18.50%		
	For every 100 children (under 18 years) in poverty, help 13 children to find assistance to get out of poverty.									Hardin, KY	20.30%
Source	Small Area Income and Poverty Estimates			Year(s)	2013		San Patricio, TX	23.70%			
Income Inequality Ratio of household income at the 80th percentile to income at the 20th percentile	Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	7	Rutherford	3.97	3.88	0.09	↑Bad ↓Good	NA	Johnson, TX	3.77		
	To reach a household income ratio at or below that of the 10th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).									Hardin, KY	4.31
Source	American Community Survey			Year(s)	2009-2013		San Patricio, TX	4.72			

Health Factors

Clinical Care

Social & Economic Factors

Health Factors

Social & Economic Factors

Children in Single-Parent Households	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
	78	Cheatham	36.51%	25.43%	11.08%	↑Bad ↓Good	21.00%	Johnson, TX	27.48%
Percentage of children that live in a household headed by single parent	For every 100 single parent households in the county, investigate ways to encourage 31 households to be a multi-parent household.							Hardin, KY	36.28%
Source	American Community Survey		Year(s)	2009-2013		San Patricio, TX	36.45%		
Social Associations	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
84	Henry	7.05	16.70	9.65	↑Good ↓Bad	33.00%	Johnson, TX	8.15	
Number of membership associations per 10,000 population	For every 100 people in the county, increase the number of membership associations by 1.							Hardin, KY	10.75
Source	County Business Patterns		Year(s)	2012		San Patricio, TX	10.52		
Violent Crime	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
81	Carter	549.50	206.33	343.17	↑Bad ↓Good	387.00	Johnson, TX	241.70	
Number of reported violent crime offenses per 100,000 population	For every 100 persons in the county, prevent 63 people from committing a violent crime.							Hardin, KY	159.29
Source	Uniform Crime Reporting - FBI		Year(s)	2010-2012		San Patricio, TX	324.41		
Injury Deaths	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
4	Williamson	60.73	43.67	17.06	↑Bad ↓Good	59.00	Johnson, TX	61.75	
Number of deaths due to injury per 100,000 population	For every 1,000 population consider ways to prevent 281 deaths as a result of intentional and unintentional injury.							Hardin, KY	63.70
Source	CDC WONDER mortality data		Year(s)	2008-2012		San Patricio, TX	58.97		
Air Pollution - Particulate Matter	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
89	Greene	14.58	13.14	1.44	↑Bad ↓Good	11.10	Johnson, TX	9.62	
Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)	Reduce the average daily measure of fine particulate matter by 1.44 micrograms per cubic meter (PM2.5).							Hardin, KY	13.61
Source	CDC WONDER Environmental data		Year(s)	2011		San Patricio, TX	8.58		

Physical Environment

Drinking Water Violations	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
72	Anderson	1.92%	0.00%	1.92%	↑Bad ↓Good	8.00%	Johnson, TX	1.01%	
Percentage of population potentially exposed to water exceeding a violation limit during the past year	For every 100 persons in the county exposed to water violations, assist 1 person(s) from exposure to health-based violations in public water systems.							Hardin, KY	0.00%
Source	Safe Drinking Water Information System		Year(s)	FY2013-14		San Patricio, TX	12.23%		
Severe Housing Problems	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
53	Lewis	14.09%	10.96%	3.13%	↑Bad ↓Good	19.00%	Johnson, TX	13.98%	
Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities	For every 100 persons in the county experiencing housing problems, help 23 person(s) to find housing assistance.							Hardin, KY	10.53%
Source	Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)	2007-2011		San Patricio, TX	17.95%		
Driving Alone to Work	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
44	Davidson	84.57%	80.03%	4.54%	↑Bad ↓Good	76.00%	Johnson, TX	84.98%	
Percentage of the workforce that drives alone to work	For every 100 persons that currently drive alone to work, convince 6 to carpool or take mass-transportation.							Hardin, KY	81.84%
Source	American Community Survey		Year(s)	2009-2013		San Patricio, TX	81.96%		
Long Commute - Driving Alone	Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
28	Hamilton	29.40%	25.10%	4.30%	↑Bad ↓Good	34.00%	Johnson, TX	48.00%	
Among workers who commute in their car alone, the percentage that commute more than 30 minutes	For every 100 persons that currently drive more than 30 minutes alone to work, convince 15 to carpool or take mass-transportation.							Hardin, KY	24.90%
Source	American Community Survey		Year(s)	2009-2013		San Patricio, TX	33.80%		